Estimated cost of wind energy

3965. SHRI SANJAY DALMIA:
MAULANA OBAIDULLAH KHAN AZMI:
SHRI J. S. RAJU:
SHRI K. M. KHAN:

Will the PRIME MINISTER be pleased to state:

(a) the details of estimated cost of power produced through wind energy during the year 1994-95;

(b) whether the cost of the power produced through wind energy is cheaper than power produced through other sources of non-conventional energy; and

(c) if so, the target fixed for power production through wind energy during the year 1994-95?

THE MINISTER OF STATE IN THE MINISTRY OF NON-CONVENTIONAL ENERGY SOURCES (SHRI S. KRISHNA KUMAR): (a) The average cost of wind power generation is generally in the range of Rs. 1.75—2.25 per unit, depending upon the site, and taking into consideration the fiscal and promotional incentives available.

(b) The cost of generation from wind is either cheaper or compares favourably with powers produced from other non-conventional energy sources.

(c) A wind power capacity of about 285 MW has installed in the country during 1994-95.

Amount provided to units using non-conventional energy in U.P.

3966. SHRI RAJ NATH SINGH: Will the PRIME MINISTER be pleased to state:

(a) the total amount provided to units using non-conventional energy in Uttar Pradesh for the last three years;

(b) the amount earmarked for the Eighth Five Year Plan and targets fixed in this regard; and

(c) the power likely to be generated through non-conventional sources of energy in the States?

THE MINISTER OF STATE IN THE MINISTRY OF NON-CONVENTIONAL ENERGY SOURCES (SHRI S. KRISHA KUMAR): (a) An amount of about Rs. 42 crores have been released to various Units| Organisations|Institutions in the State of Uttar Pradesh, in last three years, under different programmes| projects implemented by the Ministry of Non-Conventional Energy Sources.

(b) The funds for programmes of non-conventional energy sources are being provided to States as per the financial norms of various programmes on year to year basis. State-wise targets are not fixed for the full plan period.

(c) The cumulative installed capacity/number of Non-Conventional Energy Systems|Units installed in the State of Uttar Pradesh are given in the Statement.

Statement

Number of cumulative NRSE systems installed in the State of Uttar Pradesh

Sl. No.	NRSE Systems	Installation
1	Family Type Biogas Plants	2,48,726
2	CBP/IBP	236
3	Improved Chulha	24,00,900
4	Biomass Gasifiers	35
5	Industrial Solar Water Heating Systems	24,923
6	Domestic Solar Water Heating Systems	
7	Solar Air Heating Systems	27
8	Solar Thermal Kilns	30
9	Solar Distillation Systems	627
10	Solar Cookers	28,933
11	Street Lights	470
12	Domestic Lights	22,975
13	Community TV	50
14	Solar lanterns	8,325
15	SPV Water Pumps	70
16	Power Plants	45 (366.7 Kwp)
17	Small Battery Charging Systems	3
18	Wind Pumping Systems	20
19	Non-geared/Shallow Well Wind Pumping Systems	300
20	Small Hydro Projects	43 (26.43 MW)
21	Battery Operated Vehicles	186
22	Urjagrams	4

Wind power projects in the country

3967. SHRIMATI ANANDIBEN JETHABHAI PATEL: Will the PRIME MINISTER be pleased to state:

(a) whether it is a fact that Government have identified one hundred sites for setting up Wind Power Projects in the country;

(b) if so, the details therof;

(c) whether Government propose to set up some more Energy projects in Gujarat in addition to the sites selected for this purpose;

(d) if so, the details of the location thereof; and

(e) by when the proposed projects are likely to be set up in the State?